

We claim:

1. A secure document containing:

a flexible substrate having a surface, the surface visibly presenting information; and

5 an integrated circuit coupled with the substrate, the integrated circuit including:

a durable memory, the durable memory storing a 1<sup>st</sup> digital code and a 2<sup>nd</sup> digital code, wherein the 1<sup>st</sup> digital code is related to a life factor, and 2<sup>nd</sup> digital code is not readable from the durable memory, and whereby certification for the authentication and/or 10 accuracy of the secure document is based at least partly on the 1<sup>st</sup> digital code or 2<sup>nd</sup> digital code stored within the integrated circuit.

2. The secure document of claim 1, wherein the life factor is related to an event of a specific human being, the event selected from the group consisting of crossing a geographic border of a political jurisdiction, a birth of a human being, a death of a human 15 being, a marriage, a divorce, a change in marital status, an adoption of a human being, a transition in military service status of a human being, a transition in health condition of a human being, a graduation of a human being from an educational organization, and an act of legal significance related to a human being.

3. The secure document of claim 1, wherein the life factor is related to an aspect of a specific human being, the aspect selected from the group consisting of a biometric pattern, a DNA sequence, a photograph of a human being, a measurement of a part of the body of a human being, and a plurality of measurements of the body of a human being. 20

4. The secure document of claim 1, wherein the integrated circuit is an RFID.

5. The secure document of claim 1, wherein the 2<sup>nd</sup> digital code is a private or secret key, and the key is configured for use in an encryption method.

6. A secure document containing:

5 a flexible substrate having a surface, the surface visibly presenting information; and

an integrated circuit coupled with the substrate, the integrated circuit including:

a durable memory, the durable memory storing a 1<sup>st</sup> digital code and a 2<sup>nd</sup> digital code, 10 wherein the 1<sup>st</sup> digital code is related to a life factor, and 2<sup>nd</sup> digital code is not readable from the durable memory, and whereby certification for the authentication and/or accuracy of the secure document is based at least partly on the 1<sup>st</sup> digital code or 2<sup>nd</sup> digital code stored within the integrated circuit, wherein the 2<sup>nd</sup> digital code is used to control access to the secure document and the 1<sup>st</sup> digital code, and

15 wherein the 2<sup>nd</sup> digital code, once it is initially written into, or initially read from, the secure document, is never transmitted to or from the secure document again

7. A system for providing secure documentation, the system including,

a document containing personal identification information, or “PII”, wherein the PII is modified upon direct evidence of a life event, the life event selected from the group 20 consisting of crossing a geographic border of a political jurisdiction, a birth of a human being, a death of a human being, a marriage, a divorce, a change in marital status, an adoption of a human being, a transition in military service status of a specific human being, a transition in health condition of a human being, a graduation of a human being

from an educational organization, and an act of legal significance related to a human being;

an information technology system for periodically associating an identity of a specific human being to the document via at least one bio-metric measurement; and

- 5 a security system for recording a personal identification number, or “PIN”, on the document and the security system protecting the PIN from unauthorized reading from the document.

8. A system for providing secure documentation, the system comprising:

- 10 a primary document containing a primary personal identification number, or “PIN”, wherein the PIN that is related to a life event and a biometric measurement; the life event selected from the group consisting of crossing a geographic border of a political jurisdiction, a birth of a human being, a death of a human being, a marriage, a divorce, a change in marital status, an adoption of a human being, a transition in military service status of a human being, a transition in health condition of a human being, a graduation of a human being from an educational organization, and an act of legal significance related to a human being;

the biometric event selected from the group consisting of a biometric pattern, a DNA sequence, a photograph of a human being, a measurement of a part of the body of a human being, and a plurality of measurements of the body of a human being;

- 20 at least one secondary document containing at least one secondary digital code, wherein the secondary digital code is associated with the primary document, and wherein the primary document and secondary digital code are permanently associable with each other, and whereby a change in the primary or secondary document may automatically

update a plurality of documents that are linked to either the primary or the secondary document.

9. The system of claim 8, wherein the PIN and the secondary digital codes are permanently associative with each other.

5 10. A secure documentation system, the system comprising:  
means for printing information onto a surface of a flexible substrate;  
an integrated circuit coupled with the flexible substrate, the integrated circuit having a  
first memory element and a second memory element;  
the first memory element storing personal information related to a human being; and  
10 the second memory element storing information, the information useful for associating  
the flexible substrate to other documents.

11. The system of claim 10, wherein the integrated circuit is an RFID device.

12. The system of claim 10, wherein said personal information includes a  
record related to at least one life event.

15 13. The system of claim 10, wherein said personal information includes  
biometric information about the human being.

14. A system for life events record authentication, the system comprising:

a document having a flexible substrate and an integrated circuit, the flexible  
substrate having a surface, the surface visibly presenting information;  
20 the integrated circuit coupled with the substrate, the integrated circuit including:  
a durable memory containing a first information and at least one secret key, wherein the  
first information is related to information selected from the group consisting of crossing a  
geographic border of a political jurisdiction, a birth of a human being, a death of a human

being, a marriage, a divorce, a change in marital status, an adoption of a human being, a transition in military service status of a human being, a transition in health condition of a human being, a graduation of a human being from an educational organization, an act of legal significance related to a human being, a biometric pattern, a DNA sequence, a 5 photograph of a human being, a measurement of a part of the body of a human being, and a plurality of measurements of the body of a human being,

wherein an authentication of the document is based at least partly on the at least one secret key;

wherein access to the first information requires the use of the secret key; and 10 wherein the secret key may be communicated by private means from a first agency to a second agency and the secret key may be used to delegate authority from the first authority to the second authority.

15. The system of claim 14, wherein the transfer of authority from the first authority to the second authority is revocable.

15 16. The system of claim 14, wherein the integrated circuit is an RFID.

17. The system of claim 14, wherein secret key is never sent to or read from the secure document, after the secret key is initially written or read from the secret document.

18. A system for certifying certain life events including:

20 a document having a flexible substrate and an integrated circuit, the flexible substrate having a surface, the surface visibly presenting information; the integrated circuit coupled with the substrate, the integrated circuit including: a durable memory containing a personal information related to a human being, a first secret key, and at least a second secret key,

wherein the personal information may include life event information selected from the group consisting of crossing a geographic border of a political jurisdiction, a birth of a human being, a death of a human being, a marriage, a divorce, a change in marital status, an adoption of a human being, a transition in military service status of a human being, a

5 transition in health condition of a human being, a graduation of a human being from an educational organization, an act of legal significance related to a human being,

wherein the personal information may include biometric information; selected from the group consisting of a biometric pattern, a DNA sequence, a photograph of a human

being, a measurement of a part of the body of a human being, and a plurality of

10 measurements of the body of a human being, wherein the personal information may also include information linking to or associating this document with other personal documents;

wherein access to a first portion of the personal information requires the use of a first secret key , and access to the second information requires the use of the second secret

15 key;

wherein the personal information and secret keys may be securely communicated from a first agency to a second agency and the secret keys may be used to delegate authority from the first authority to the second authority.

19. The system of claim 18, wherein the transfer of authority from the first authority  
20 to the second authority is revocable.

20. The system of claim 18, wherein the integrated circuit is an RFID.

21. A secure documentation system, the system comprising:

means for printing information onto a surface of a flexible substrate;

an integrated circuit coupled with the flexible substrate, the integrated circuit having a first memory element and a second memory element;

the first memory element storing personal information;

first personal information including both a birth record and biometric information linked

5 to the birth record,

the second memory element storing a secret digital code to control access to said personal information.

22. A process for providing secure personal documents, the process comprising:

fabricating an integrated circuit having a durable memory;

10 coupling the integrated circuit to flexible substrate;

writing personal information into the integrated circuit;

writing a secret code into or reading a secret code out of said integrated circuit; and

using the secret code to control access to personal information but never again

transmitting the secret code to or reading the secret code from the integrated circuit.

15 23. The process of claim 22, wherein the process further comprises using the secret code to confirm the authenticity of the secure personal document.

24. The process of claim 23, wherein the personal information further comprises a URL.

25. The process of claim 23, wherein the personal information further comprises an

20 SSN.

26. The process of claim 23, wherein the process further comprises replicating the personal information within an information technology system and making the personal information available over the information technology system via an XML schema.